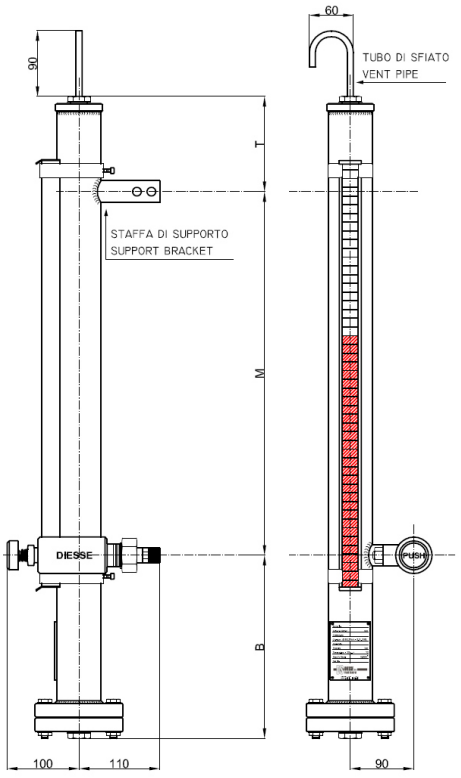
DS DIESSE FLUID CONTROL

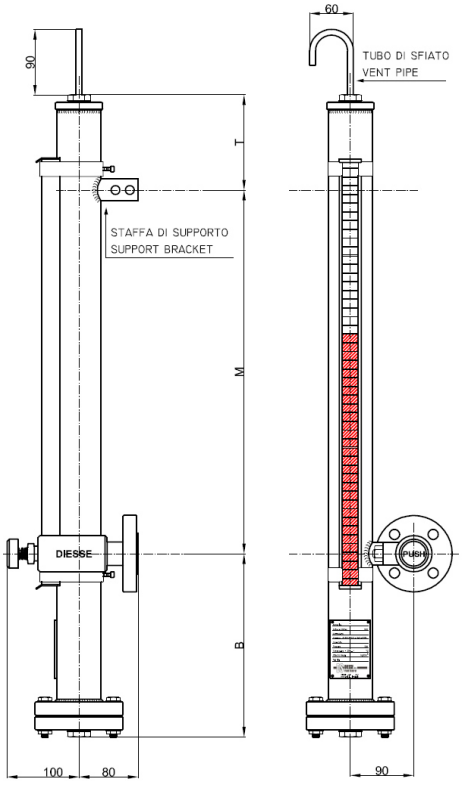
MAGNETIC LEVEL GAUGE

PN16

DS MG - DS BP - NPV - SHP

Code: DS MG-DSBP-… /16/RF-M…- SS/SS/…/SS-NPV- SHP





Technical data

Service conditions
Pressure: PN16
Temperature: up to 150°C
Specific weight: ≥ 0,6 g/cm^3

Application
Fluid storage tanks also aboard of ships

View
Standard: adjustable on 360° in the installation phase

Distance M (Centre-to-centre)
On request, distances up to 5.600 mm in one sole piece (Fixed distance, not adjustable)
Option: On request distances over 5.600 mm (In several pieces)

Materials (Standard)

Main chamber:	Stainless steel 316L (Ø 60,3 x 2 mm)
Float:	Stainless steel 316L (Ø 50 mm) Titanium Grade 2 (Ø 50 mm)
Process connections:	Self closing valve DS NPV, push button type in carbon steel ASTM A105 galvanized or stainless steel 316L
Rollers:	Brass with red and white epoxy paint, anodised aluminium housing, glass cover

Options: roller display housing with stainless steel cover

Gaskets
Standard: graphite/AISI 316 Options: PTFE/AISI 316

Self-closing Valve
DS NPV: self-closing, push button type
Handling: opening by push button (Standard: valve on the right side; On request on the left side)
Process connection:

Standard flange:	UNI PN16 DN15-20-25	ANSI #150/RF DN ½“ - ¾“ - 1“
Standard threaded union:	BSP-M ½” - ¾”	NPT-M ½” - ¾”

Option: further connection types

Vent:	Standard: threaded ½” with vent pipe	Option: on request (see details at page 1.52)
Drain:	Standard: threaded ½” with plug	Option: on request (see details at page 1.52)

Dimensions
B = Distance depending on the specific weight of the fluid
T = 130 mm (Standard); Option: on request

Accessories

Shut-off cocks	(see details from page 2.13)
Drain cock	(see details from page 2.13)
Vent cock	(see details from page 2.13)
Calibrated scale	(see details from page 2.14)
Magnetic switches	(see details from page 2.15)
Level transmitter	(see details from page 2.29)

Weights
Magnetic level gauge: Kg. 13,5 approx. (with centre-to-centre 1.000 mm and valve DS NPV flanged DN20 PN16

Spare parts
For routine maintenance are not necessary spare parts.
For valve DS NPV: see from page 1.74 (drawing with components and parts list see page 1.67) of the catalogue relative to the glass level gauges.